

Material Safety Data Sheet

Effective Date: 22-MAR-2005
Product: SPRET (90/10)

I. IDENTIFICATION

Chemical Name: Nonionic Wetter/Spreader Surfactant
Chemical Family: Surfactants
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 0.850 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: Low solubility
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Clear to light yellow liquid; mild petroleum odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of nonionic surfactants, alkanolamides and humectants.		90.00	N/E	Skin & eye irritant.
Inert ingredients, ineffective as an adjuvant.		10.00	N/E	Non-hazardous

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Use foam, water fog, dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing. Do not allow firefighting waters to contaminate water supplies, lakes, streams or ponds.

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Fire and Expl Hazard: May produce smoke, carbon monoxide, sulfur oxides and other decomposition products under fire conditions.

V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Harmful if swallowed. May cause gastrointestinal upset.
Skin Absorption: Prolonged or repeated skin contact may remove skin oils, possibly leading to irritation and dermatitis.
Inhalation: Repeated and prolonged overexposure to spray mists may result in irritation and/or inflammation of the lungs and respiratory tract.
Skin contact: Prolonged or repeated skin contact may remove skin oils, possibly leading to irritation and dermatitis.
Eye Contact: Irritation may result with eye contact.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Give a large amount of water to drink, induce vomiting and immediately call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.
Skin: Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists, seek medical treatment.
Inhalation: Remove to fresh air. If irritation develops, consult a physician.
Eyes: Immediately flush eyes with water for at least 15 minutes, holding eyelids open. If irritation develops or persists, seek medical treatment.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

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Stability: Stable
Conditions to Avoid: Avoid strong oxidizing agents, as this may present an explosion hazard.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: Avoid strong oxidants, such as liquid chlorine, concentrated oxygen or sodium hypochlorite, as these can present an explosion hazard.
Hazardous Combustion: May produce carbon monoxide, sulfur oxides and other decomposition products under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Prevent material from entering sewers or waterways. Containerize collected material for proper disposal.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use NIOSH-approved respiratory protection if in confined space and as needed.
Ventilation: Local exhaust when vapors or mists are emitted.
Gloves: Chemical-resistant
Eyes: Splash goggles
Other: Eyewash station, emergency shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds. Do not store near heat, sparks, flames or strong oxidants.
Other precaution: Spills of this material may be reportable under the Clean Water Act and the Oil Pollution Prevention Act.

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X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Adhesive, Adjuvant, Spreader or Sticker,
Liquid, NOIBN (NMFC Item 4610, Class 60)

Chemical Name	Equivalent R.Q.
----- Not applicable	----- Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

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